



10-20-06

PTO/SB/21 (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/789,928	
	Filing Date	02/27/2004	
	First Named Inventor	Tobin J. Marks	
	Art Unit	1712	
	Examiner Name	Kugel, Timothy J.	
Total Number of Pages in This Submission	54	Attorney Docket Number	7479

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Statement Concerning Substitute Specification Marked Specification/Clean Specification Transmittal of Replacement Drawings and New Figure/Replacement Sheet Return Postcard
Remarks Authorization is hereby given to charge or credit Deposit Account No. 18-0882 for any fee deficiency or overpayment. Rodney D. DeKruif		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

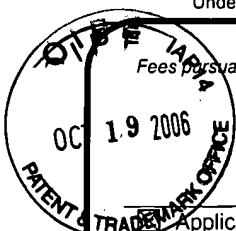
Firm	Reinhart Boerner Van Deuren s.c.		
Signature			
Printed Name	Rodney D. DeKruif		
Date	October 19, 2006	Reg. No.	35,853

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as Express Mail (EV 717266845 US) in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Rodney D. DeKruif	Date	October 19, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 510.00

Complete if Known

Application Number	10/789,928
Filing Date	02/27/2004
First Named Inventor	Tobin J. Marks
Examiner Name	Kugel, Timothy J.
Art Unit	1712
Attorney Docket No.	7479

METHOD OF PAYMENT (check all that apply)
☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____

☒ Deposit Account Deposit Account Number: 18-0882 Deposit Account Name: Reinhart Boerner Van Deuren s.c.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s)☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Small Entity	
Fee (\$)	Fee (\$)
50	25
200	100
360	180

Total Claims	Extra Claims	Fee(\$)	Fee Paid (\$)
---------------------	---------------------	----------------	----------------------

_____ -20 or HP=	_____ x	_____ =	_____
------------------	---------	---------	-------

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee(\$)	Fee Paid (\$)
----------------------	---------------------	----------------	----------------------

_____ - 3 or HP=	_____ x	_____ =	_____
------------------	---------	---------	-------

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 =	_____ / 50 =	_____ (round up to a whole number) x	_____ =	_____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Petition for Extension of Time

Fees Paid (\$)**\$510.00****SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	35,853	Telephone	414-298-8360
Name (Print/Type)	Rodney D. DeKruif	Date	10/19/2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office To Addressee Mailing Label Number EV 717266845 US with sufficient postage addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 19, 2006.
Reinhart Boerner Van Deuren s.c.

PATENT APPLICATION

By: Rodney D. DeKruif
Rodney D. DeKruif

Date: October 19, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: 1712

EXAMINER: Timothy J. Kugel

In re application of: Marks et al.)	
)	
Application No: 10/789,928)	
)	
Filed: 02/27/2004)	For: VAPOR DEPOSITED
)	ELECTRO-OPTIC FILMS
Confirmation No.: 6801)	SELF-ASSEMBLED
)	THROUGH HYDROGEN
Attorney Docket No. 7479)	BONDING
)	
Customer No. 22922)	

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 19, 2006

STATEMENT CONCERNING SUBSTITUTE SPECIFICATION

Dear Sir:

Pursuant to 37 C.F.R. § 1.121(b)(3) and § 1.125 and an Official Gazette Notice of 08 November 2005, Applicants hereby submit a substitute specification to address several issues raised in the pending notice.

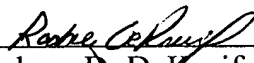
Notably, schemes 1 and 2 on pages 8 and 10, respectively, of the original specification are hereby deleted, but presented as Figures 12 and 13. Accordingly, references to Figures 12 and 13 are hereby added on page 3.

The substitute specification includes no new matter. A clean version of the specification also accompanies this submission. Please replace the original specification with the substitute specification.

The Examiner is invited to contact the undersigned if any issue remains. Thank you for your help and consideration.

Respectfully submitted,

Reg. No. 35,853
Tel. No.: (414) 298-8360



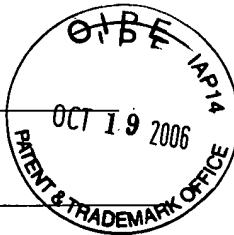
Rodney D. DeKruif
Reinhart Boerner Van Deuren, s.c.
Attn: Linda Gabriel, Docket Clerk
1000 North Water Street, Suite 2100
Milwaukee, WI 53202

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Label No. EV 717266845 US addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 19, 2006.

Reinhart Boerner Van Deuren s.c.

By: Rodney D. DeKruif
Rodney D. DeKruif

Date: October 19, 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: 1712

EXAMINER: Timothy J. Kugel

In re application of:)
Marks et al.)
Application No: 10/789,928)
Filed: 02/27/2004)
Confirmation No.: 6801)
Attorney Docket No. 7479)
Customer No. 22922)

For: VAPOR DEPOSITED
ELECTRO-OPTIC FILMS
SELF-ASSEMBLED THROUGH
HYDROGEN BONDING

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 19, 2006

TRANSMITTAL OF REPLACEMENT DRAWINGS AND NEW FIGURE

Pursuant to the pending Office Action, attached please find 1 sheet of formal drawings, as a replacement sheet for the above-referenced application, and providing new Figures 12 and 13 to replace specification schematics, as requested by the Examiner.

Please contact the undersigned by telephone if any issue remains. Thank you for your help and consideration.

Reg. No.: 35,853

Tel. No.: (414) 298-8360

Customer No. 22922

Rodney D. DeKruif
SIGNATURE OF ATTORNEY
Rodney D. DeKruif
Type or print name of attorney

Reinhart Boerner Van Deuren s.c.
Attn: Linda Gabriel-Kasulke, Docket Clerk
1000 North Water Street, Suite 2100
Milwaukee, WI 53202